

Catalyst TMR-2 CAS62314-25-4 (2-hydroxypropyl)trimethylammonium formate

Catalyst DC TMR-2

English name [\(2-hydroxypropyl\)trimethylammonium formate](#)

Polyurethane catalyst TMR-2

2-Hydroxypropyltrimethylammonium formate

Trimethylammonium formate isopropoxide TMR-2

2-Hydroxy-N,N,N-trimethyl-1-propanamine formate

2-Hydroxy-N,N,N-trimethyl-1-propanamine formate

Product introduction

DC TMR-2 is a quaternary ammonium salt type polyurethane catalyst.

Typical physical properties Testable items

Appearance Light yellow solution Active ingredient, % min 99

Relative density, 25°C 1.07 Moisture, % max 2

Viscosity@25°C, mPas 190

Water solubility Dissolved

Flash point,PMCC,°C 121

Hydroxyl value,mgKOH/g 463

CAS 62314-25-4

EINECS 263-503-6

Chemical formula C7H17NO3

Molecular weight 163.21

InChI

InChI=1/C6H16NO.CH2O2/c1-6(8)5-7(2,3)4;2-1-3/h6,8H,5H2,1-4H3;1H,(H,2,3)/q+1;/p-1

Density 1.079[at 20°C]

Boiling point 164°C[at 101 325 Pa]

Water solubility 1µg/L at 25°C

Vapor pressure 1.333hPa at 21.1°C

Product Application

DC TMR-2 is a tertiary amine catalyst for the promotion of polyisocyanurate reactions (trimerization reactions). Compared with potassium-based catalysts, it

can control the initiation reaction uniformly;

DC TMR-2 is mainly used in various polyurethane and polyisocyanate and other rigid foam systems, where isocyanurate rings are formed above 20°C.

As high temperature catalyst, it has good mutual solubility with raw materials such as isocyanate.

Packing

200KG

<https://www.siliconeoil.com.cn/catalyst-tmr-2-cas62314-25-4-2-hydroxypropyltrimethylammonium-formate/>